29490

Two Line Call Waiting Caller ID Speakerphone with 13 Number Memory User's Guide

We bring good things to life.

Equipment Approval Information

Your telephone equipment is approved for connection to the Public Switched Telephone Network and is in compliance with parts 15 and 68, FCC Rules and Regulations and the Technical Requirements for Telephone Terminal Equipment published by ACTA.

1. Notification to the Local Telephone Company

   On the bottom of this equipment is a label indicating, among other information, the US number and Ringer Equivalence Number (REN) for the equipment. You must, upon request, provide this information to your telephone company.

   The REN is useful in determining the number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. In most (but not all) areas, the sum of the RENs of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company.

   A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

   Notes

   - This equipment may not be used on coin service provided by the telephone company.
   - Party lines are subject to state tariffs, and therefore, you may not be able to use your own telephone equipment if you are on a party line. Check with your local telephone company.
   - Notice must be given to the telephone company upon permanent disconnection of your telephone from your line.
   - If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this product does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

2. Rights of the Telephone Company

   Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must: (1) promptly notify you of such temporary discontinuance; (2) afford you the opportunity to correct the situation; and (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of Part 68, FCC Rules and Regulations.

   The telephone company may make changes in its communications facilities, equipment, operations or procedures where such action is required in the operation of its business and not inconsistent with FCC Rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice, in writing, to allow you to maintain uninterrupted service.

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00000740 (Rev. 1 E)
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Interference Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna (that is, the antenna for radio or television that is "receiving" the interference).
- Reorient or relocate and increase the separation between the telecommunications equipment and receiving antenna.
- Connect the telecommunications equipment into an outlet on a circuit different from that to which the receiving antenna is connected.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio/TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402. Please specify stock number 004-000-00345-4 when ordering copies.

Hearing Aid Compatibility

This telephone system meets FCC standards for Hearing Aid Compatibility.

US NUMBER IS LOCATED ON THE CABINET BOTTOM
REN NUMBER IS LOCATED ON THE CABINET BOTTOM

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

THE LIGHTNING FLASH AND ARROW HEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.	**CAUTION:** RISK OF ELECTRIC SHOCK. DO NOT OPEN. CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.
SEE MARKING ON BOTTOM / BACK OF PRODUCT		

Introduction

CAUTION: When using telephone equipment, there are basic safety instructions that should always be followed. Refer to the IMPORTANT SAFETY INSTRUCTIONS provided with this product and save them for future reference.

Your Caller ID phone stores and displays specific information, provided by your local telephone company, to subscribers of Caller ID or similar caller identification services. You must subscribe to one of these services in order to use this unit.

Your Caller ID phone enables you to:

- Identify callers before you answer the phone.
- View the time and date of each incoming call.
- Record up to 75 Caller ID messages sequentially.

IMPORTANT: In order to use all of the features of this telephone, you must subscribe to two separate services available from your local telephone company: the standard Name/Number Caller ID Service to know who is calling when the phone rings and Caller ID with Call Waiting Service to know who is calling while you are on the phone.

Short Glossary of Terminology Used in this Manual

Hook switch. The part of the phone that pops up to activate the phone line when the handset is lifted from the base.

Line indicator. The light located next to each of the line buttons; it shows you the status of each line.

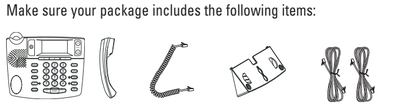
Off-hook. A term used to describe the phone in its active mode when the handset is off of the base cradle or a line button, along with the SPEAKER button, is pressed.

On-hook. A term used to describe the phone in an inactive mode.

Before You Begin

Parts Checklist

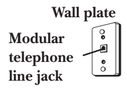
Make sure your package includes the following items:



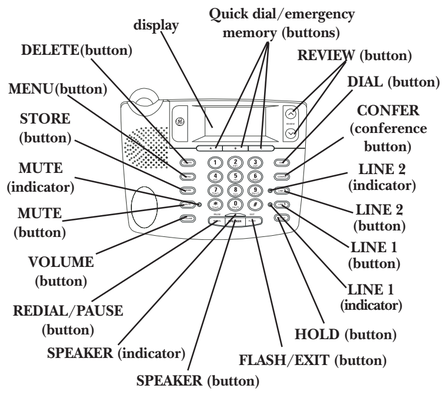
Base **Handset** **Handset cord** **Desktop/wall mounting pedestal** **4-wire telephone line cord**

Modular Jack Requirements

To properly connect your phone to your telephone lines, you should identify the type of wall jack(s) you have. You will need an RJ11C (for a single line) or a RJ14C (for two lines) type modular phone jack, which might look like the one pictured here. If you don't have either modular jack, call your local phone company to find out how to get one installed.



Installation & Setup



CAUTION: Disconnect the phone cord from the wall outlet before installing or replacing the batteries.

Important Installation Information

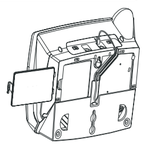
- Never install telephone wiring during a lightning storm.
- Never touch uninsulated telephone wires or terminals, unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Temporarily disconnect any equipment connected to the phone, such as faxes, other phones, or modems.

Installing and Replacing the Batteries

Your Caller ID phone uses 4 AA-size alkaline batteries for receiving and storing Caller ID records and for storing the numbers you use for memory dialing, pulse dialing, and redial.

IMPORTANT: You will have approximately 90 seconds to replace the batteries before the memories stored are lost. Please read the instructions before replacing the batteries and have the batteries ready to be inserted beforehand.

IMPORTANT: If you are not going to use the telephone for more than 30 days, remove the batteries because they may leak and damage the unit.

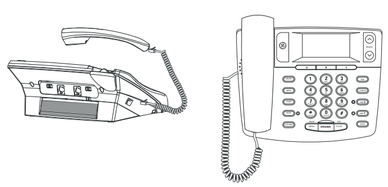


1. Press down and out on the snap tab located on the top of the mounting bracket. Lift the bracket off.
2. Release latch on battery compartment and remove cover.
3. Insert 4 AA-size alkaline batteries as shown on the diagram in the battery compartment.
4. Snap the battery compartment door back into place and replace the mounting bracket.
5. If the line cord was previously connected, re-attach it to the unit and check your memory locations.

NOTE: If the low battery icon appears in the display, you need to replace the batteries. It is important that you replace the batteries as soon as possible in order to maintain Caller ID operation.

Installation

Desktop Installation



A coiled handset cord and two straight telephone line cords are packaged with your unit. Your two-line phone should be placed on a level surface such as a tabletop or desk.

To attach the desktop pedestal:

- Turn the phone over so that the bottom of the base is facing up and the thickest end is facing away from you.
- With the rounded end of the wedge pointing downward, insert the tab on the rounded end of the pedestal into the upper middle slot on the bottom of the base, then push the pedestal down until the two tabs on the left and right corners of the pedestal snap (lock) into the two upper slots on the bottom of the base.

To connect LINES 1 + 2:

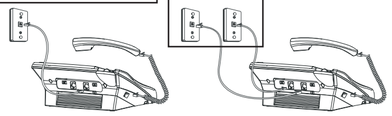
There are two possible connections.

Refer to Figure 1 if you have one single line (RJ11C) phone jack or one dual-line (RJ14C) phone jack.

1. Connect one end of either straight telephone line cord to the jack marked LINE 1+2 on the back of the base.
2. Connect the other end to the single-line or dual-line wall phone jack.

FIGURE 1
One dual-line jack or one single-line wall phone jack

FIGURE 2
Two single-line wall phone jacks



NOTE: If you connect the telephone line cord to the single-line (RJ11C) wall phone jack, you will only be able to use one telephone line (either LINE 1 or LINE 2) but not both lines simultaneously.

Refer to Figure 2 if you have two single-line (RJ11C) phone jacks.

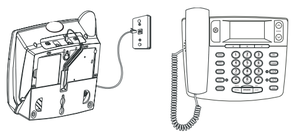
1. Connect one end of either straight telephone line cord to the jack marked LINE 1+2 on the back of the base.
2. Connect one end of the other straight telephone line cord to the jack marked LINE 2/DATA on the back of the base.
3. Connect the other end of each straight telephone line cord to the two single line wall phone jack.
4. Plug one end of the coiled handset cord into the handset and the opposite end into the base.
5. Set the RINGER LINE 1 and RINGER LINE 2 volume switches located at the back of the base to the desired loudness.

   OFF - Telephone will not ring.

   LO - Sound will be lowest.

   HI - Sound will be loudest.
6. Press the LINE 1 button if the LINE 1 telephone cord is connected. Otherwise, press LINE 2.
7. The unit is properly installed if you pick up the handset and hear the dial tone. Otherwise, recheck all installation steps.

Wall Mount Installation



Your speakerphone can also be mounted on a wall plate (not included).

To attach the wall mounting pedestal:

- Turn the phone over so that the bottom of the base is facing up and the thickest end is pointing away from you.
- With the rounded end of the pedestal pointing upward, insert the tab on the end of the pedestal into the lower middle slot on the bottom of the base, then push the pedestal down until the two tabs on the left and right corners of the pedestal snap (lock) into the two lower slots on the bottom of the base.

To connect LINES 1 + 2:

There are two possible connections.

Refer to Figure 1 at beginning of Installation section if you have one single line (RJ11C) phone jack or one dual-line (RJ14C) phone jack.

1. Connect one end of either straight telephone line cord to the jack marked LINE 1+2 on the back of the base.
2. Connect the other end to the single-line or dual-line wall phone jack.

NOTE: If you connect the telephone line cord to the single-line (RJ11C) wall phone jack, you will only be able to use one telephone line (either LINE 1 or LINE 2) but not both lines simultaneously.

Refer to Figure 2 at beginning of Installation section if you have two single-line (RJ11C) phone jacks.

1. Connect one end of either straight telephone line cord to the jack marked LINE 1+2 on the back of the base.
2. Connect one end of the other straight telephone line cord to the jack marked LINE 2/DATA on the back of the base.
3. Connect the other end of each straight telephone line cord to the two single line wall phone jack.

NOTE : If desired, gather the extra telephone line cord together and store inside the wall mounting bracket.

4. Slip the mounting holes over the wall plate posts and firmly slide the unit down into place (wall plate not included).
5. Plug one end of the coiled handset cord into the handset and the opposite end into the base.
6. Set the RINGER LINE 1 and RINGER LINE 2 volume switches located at the back of the base to the desired loudness.

   OFF - Telephone will not ring.

   LO - Sound will be lowest.

   HI - Sound will be loudest.
7. Press the Line 1 button if the Line 1 telephone cord is connected. Otherwise, press the Line 2 button.
8. The unit is properly installed if you pick up the handset and hear the dial tone. Otherwise, recheck all installation steps.

Data Port

This phone is equipped with a LINE2/DATA jack for you to connect an auxiliary phone device, such as a fax machine, computer modem, answering machine, or even a cordless phone. You can install the phone as described in "Two Lines on a Single Modular Jack", then you can use the LINE2/DATA jack to connect your fax machine and receive faxes on the phone number for line 2.

Setting Up the Caller ID Menu

You should not plug the telephone into the modular jack while setting up the Caller ID menu.

1. Press the MENU button to enter the menu feature configuration mode.

   # 1. >ENG FRA ESP (CID language default English)

   # 2. CONTRAST (default level is 3).

   # 3. LOCAL AREA CODE

   # 4. TONE/PULSE (Default is tone dialing).
2. Press the MENU button to scroll through the 4 menu screens.
3. Use the REVIEW ^ or V buttons to select the desired setting.

NOTE: You have 20 seconds following an entry before the phone returns to the Summary Screen.

Setting Your Local Area Code

The telephone uses the programmed area codes to determine the number format to display when a valid Caller ID signal is received. Numbers that match the local area code are displayed as seven digits and are used for dialing back previous numbers. Entering your local area code will also help you immediately know if the call is local or long distance when viewing the CID records in the display.

NOTE: If you make a mistake and want to start over again, press the DELETE button to delete all of the digits.

1. Press the MENU button until *LOCAL AREA CODE* shows in the display.
2. Press the REVIEW ^ button to enter the second and third digit.
3. Press the REVIEW V button to enter digit.
4. Press the MENU button to save.

Setting the Display Language

This adjustment changes the Caller ID prompts to be displayed in English, French, or Spanish.

1. Press the MENU button until *ENG FRA ESP* shows in the display.
2. Use the REVIEW ^ or V button to select *ENG*, *FRA* or *ESP*.
3. Press the MENU button to save.

Setting the Contrast

This adjustment allows you to adjust the contrast of the display.

1. Press the MENU button until *CONTRAST* shows in the display.
2. Use the REVIEW ^ or V buttons to select level *1,2,3,4,* or *5.*
3. Press the MENU button to save.

Setting the Dial Mode

This adjustment allows you to select tone (touch-tone) or pulse (rotary) dialing.

1. Press the MENU button until *TONE/PULSE MODE* shows in the display.
2. Press the REVIEW ^ or V buttons to show the current dialing mode. The default is *TONE* dialing.
3. To change the dialing mode, press the review key. The display alternates between the two modes.
4. Press the MENU button to save.

NOTE: The phone will exit set up after 20 seconds if no buttons are pressed.

REMINDER: The time and date are programmed automatically when the first Caller ID record is successfully received after set up.

Caller ID Features

Summary Screen

The Summary Screen shows the current time, date, and number of new calls to review. It is displayed until any button is pressed.

NOTE: The number of new calls is displayed until all new calls have been reviewed.

Receiving and Storing Calls

This unit receives and displays information transmitted by your local phone company. This information can include the phone number, date, and time; or the name, phone number, date, and time. The unit can store up to 75 calls for later review. When the memory is full, a new call automatically replaces the oldest call in memory. *NEW* appears in the display for calls received that have not been reviewed.

Reviewing Call Records

- Press the REVIEW ^ or V button to view the call records.
- Press the REVIEW ^ button to scroll through the call records from the most recent to the oldest.
- Press the REVIEW V button to scroll through the call records from the oldest to the newest.
- When all of the records have been viewed, *START/END* appears in the display.

Deleting Call Records

- To delete the record shown in the display, press the DELETE button once.
- To delete all records while reviewing, press and hold the DELETE button for about three seconds. *DELETE ALL?* appears in the display. Press DELETE again to complete.

Dialing Back

When reviewing Caller ID records, you can dialback the numbers shown on the display by pressing the DIAL button.

NOTE: If *PICKUP PHONE* shows in the display, no other changes to the number can be made. The information sent from the telephone company is known to be a valid number for dialing back (used only in very limited areas). Once you pickup the phone, the number is automatically dialed.

NOTE: Make sure either line button 1 or 2 is pressed, when the handset is picked-up or the speakerphone is in use.

If You Programmed Your Local Area Code In the Set Up Menu

1. Use the REVIEW ^ or V button to display the number you want to dial.
2. Press the DIAL button.

- If you see a number with seven digits (i.e. 555-1234), then the call is from within your area code. However, this does not guarantee the call is a local call.
- If you see a number with 11 digits (i.e. 1-234-555-1234), then the call is not from within your area code.

NOTE: A timer (10 seconds on-hook and 3 seconds off-hook) located in the upper right side of the display will start, letting you know how much time is left until the unit returns to the Summary Screen.

3. If you are at on-hook and "*PICKUP OR ADJ*" displays, you can adjust the phone number format by pressing the DIAL button. If the phone is off-hook and "*ADJUST*" shows in the display, you can adjust the phone number format by pressing the DIAL button. For example, sometimes a 7-digit local number cannot be dialed because it requires a 10-digit or 11-digit format. Press the DIAL button repeatedly to scroll through the 7, 10, and 11-digit numbers.

7-digits:	7-digit telephone number (i.e. 555-5555)
10-digits:	3-digit area code + 7-digit telephone number (i.e. 425-555-5555)
11-digits:	long distance code 1 + 3-digit area code + 7-digit telephone number (i.e. 1-425-555-5555)

4. To dial the displayed number, and the phone is on-hook, pick up the handset or press the SPEAKER button before the timer reaches 0. If the phone is off-hook, wait until the time reaches 0. *NOW DIALING* shows in the display and the number is dialed.

NOTE: Make sure either the 1 or 2 line button is pressed.

If You Did Not Program Your Local Area Code In the Set Up Menu

1. Use the REVIEW ^ or V buttons to display the number you want to dial. You will only see 10-digit numbers (i.e. 234- 555-1234).
2. See steps 2 through 4 in the previous section to complete the dialback process.

Caller ID Display Messages

The following special messages indicate the status of a message or the unit:

BLOCKED CALL	The caller of the incoming call is registered as "Private Number" and their Caller ID information is withheld.
CALL WAITING	Indicates a call is waiting on the line.
LOW	Battery power level is low.
NO CALLS	The caller memory is empty.
START/END	You are at the beginning or the end of the Caller ID memory log.
UNKNOWN CALLER	The incoming call does not have Caller ID service or their service area is not linked to yours. If *UNKNOWN CALLER* appears along with a calling number, the name information for that number was not available.

Speakerphone Basics

Speakerphone Location

Your phone features a speakerphone for ease of use and convenience during a phone conversation. At any time during a conversation, you can lift the handset to stop using the speakerphone. Likewise, when you are using the handset, press the SPEAKER button and place the handset in the cradle to switch to the speakerphone.

For best speakerphone performance, avoid the following:

- Areas with high background noise. (The microphone might pick up these sounds and prevent the speakerphone from going into the receiving mode when you finish talking.)
- Surfaces affected by vibration.
- Recessed areas such as in a corner, under a cupboard, or next to a cabinet, which can generate an echo effect.

Speakerphone Use

Note the following guidelines when using the speakerphone:

- The speakerphone works similar to a two-way radio in that you can only listen or talk at one time.
- Stay reasonably close to the phone so that you can be clearly heard by the person to whom you are talking.
- You can adjust the speaker volume by pressing the volume button continuously or pressing the REVIEW ^ or V buttons after pressing the volume button.
- The speakerphone indicator light comes on when the speakerphone is in use.

NOTE: Batteries must be installed for the speakerphone to operate.

Telephone Basics

You can use the telephone by speaking into and listening through the handset, or by using the Speakerphone feature. For all operations, either line button 1 or 2 must be pressed. Do not press both buttons down at the same time.

Line Status Indicators

This two-line phone is designed for use at multiple stations. The indicator light tells you what is happening on each line.

When the indicator light is:	And the Icon on the LCD is:	It Means:
Off	Off	The line is not in use.
Flashing Red	Off	A call is being received.
Green	On	The line is in use by this phone.
Red	Flashing	A call is on hold.
Off	Off	A parallel phone is using the line.
Off	Flashing	Line not connected.

Answering and Placing Calls

Because this phone has two lines, you must choose a line by pressing the corresponding line button and use the handset or speakerphone to place an outgoing call or to answer an incoming call.

Using the Handset

The only difference between using the handset with this phone and other corded phones is that you must depress a line button after picking up the handset in order to take the line.

Using the Speakerphone

To use the speakerphone feature, press a line button and then press the SPEAKER button. For more information refer to Speakerphone Basics.

Receiving a Phone Call

1. To answer an incoming call, press the line button next to the flashing red indicator.
2. Lift the handset or press SPEAKER to answer the call.
3. Replace the handset in the cradle or press the SPEAKER button to hang up.

Making a Phone Call

1. Press LINE 1 or LINE 2 button, and lift the handset or press the SPEAKER button. Wait for a dial tone.
2. Dial the telephone number you want to call.
3. Replace the handset in the cradle, or press the SPEAKER button to hang up.

Placing a Call While Talking on Another Line

To place a call without hanging up on the first call:

1. Press the HOLD button to put the first call on hold.
2. Press the available line button to get a dial tone. Press the SPEAKER button if the speakerphone indicator is off and you are using the speakerphone.
3. Dial the number you want to call.

Receiving A Call While Talking on Another Line

When you receive a call while you are talking on another line, you will hear the phone ring.

1. Press the HOLD button to put the first call on hold.
2. Press the line button next to the flashing red indicator.
3. If the speakerphone indicator is off and you are using the speakerphone, press the SPEAKER button.

NOTE: You must always put the first call on hold before answering a second call or you will hang up on the first call. If you want to disconnect from the first call, don't press the HOLD button (skip step 1) and press the flashing line button.

Adjusting the Handset and Speakerphone Volume

The volume controls for the handset and speakerphone are separate, so you can adjust one without affecting the other. To adjust the handset volume, pick up the handset, press the volume button continuously or press the REVIEW ^ or V buttons after pressing the volume button. REC (handset receiver) or SPK volume level shows in the display. While using the speakerphone, adjust the speakerphone volume by pressing the volume button continuously or pressing REVIEW ^ or V buttons after pressing the volume button. Both handset receiver and speakerphone volume level setting will be saved in the unit's memory.

Additional Telephone Features

Redial

You may redial the last number you called by pressing the REDIAL/PAUSE button after you hear a dial tone.

NOTE: The redial feature holds the last number (up to 32 digits) that you dialed in memory. If you pressed any other numbers after dialing the phone number (for example, when accessing a voice-menu system) then those numbers are also dialed.

If you get a busy signal, press REDIAL/PAUSE again without hanging up.

Hold

HOLD allows you to suspend the active line(s) and replace the handset in the cradle without hanging up, then resume the conversation on the same phone or from a different phone connected to the same line.

1. Press the HOLD button to place a call on hold (the line indicator is red).
2. Press the line button and pickup the handset or press the SPEAKER button to resume the conversation.

Conference Calls

You can use the conference call feature when you have calls on both lines and want to have a three-way conversation.

To connect and conference:

1. Press the line button for the line you want to use, then call the first party.
2. Press the HOLD button to put the first party on hold.
3. Call the second party, or receive a call, on the other line, then press the CONFER button.
4. Begin speaking to both parties.

To disconnect one of the parties:

Press the line button of the person you want to continue talking to, and the other party will automatically be disconnected.

To disconnect both parties:

Hang up the handset, or press SPEAKER.

NOTE: If you have two lines on hold, and you want to conference with both parties, simply press the CONFER button and pick up the handset or press SPEAKER button.

NOTE: To put both parties on hold, press the HOLD button.

NOTE: To speak to one party individually, press the HOLD button, then press the line of the party to whom you want to speak (the second party remains on hold.) If the speakerphone indicator is off and you are using the speakerphone, press the SPEAKER button to continue the conversation on the speakerphone.

Flash

Press FLASH/EXIT to activate special features of your telephone network, such as call transfer, or special services from your local telephone company, such as call waiting.

Mute

Use the MUTE button to interrupt a phone conversation to talk privately with someone else in the room. A conversation can be muted while using the speakerphone or handset.

1. Press the MUTE button. The mute indicator comes on.
2. Press MUTE again to turn it off.

Temporary Tone Dialing

If you have pulse (rotary) service and want to access customer calling services (such as telebanking and long distance services) that require tone dialing, you can use this feature to temporarily change from pulse to tone service.

After dialing the telephone number and connecting to the customer calling service,

1. Press and release the TONE (*) button.
2. When you hang up, the telephone automatically returns to pulse dialing mode.

TIP: Temporary Tone can also be used while storing numbers in memory by pressing TONE (*) at the necessary point in the storage sequence.

Memory

You may store information in any of the following memory locations: 1 to 9, A, B, and C keys. See "Storing a Pause in Memory" and "Temporary Tone Dialing."

Storing a Name and Number in Memory

1. Press the STORE button. *LOCATION?* shows in the display.
2. Press the desired memory location (1 through 9, A, B, or C).

NOTE: You may select memory locations by pressing REVIEW ^ or V buttons to scroll through the memory locations or press the 1 - 9, A, B, or C buttons.

3. Press the STORE button again to confirm the memory location.

NOTE: If necessary, to erase existing memories, or if you make a mistake, use the DELETE button.

4. Use the number keys to enter the telephone number (up to 32 digits) and press the STORE button to save. (The unit will not dial a phone number in this mode.) The cursor automatically moves to the text line for name entry.
5. Use the number keys to enter the name of the person associated with the telephone number you just entered. More than one letter is stored in each of the number keys.

For example, to enter the name BILL SMITH, press the 2 key twice for the letter B. Press the 4 key 3 times for the letter I. Press the 5 key 3 times for the letter L.

NOTE: The flashing cursor automatically moves to the next position or you may press the REVIEW ^ or V buttons to move the cursor to the next position.

Press the 5 key 3 times for the second letter L. Press the REVIEW V button two times to insert a space, and press the 7 key 4 times for the letter S. Press the 6 key once for the letter M. Press the 4 key 3 times for the letter I. Press the 8 key for the letter T. Press the 4 key twice for the letter H.

6. Press the STORE button to save the name.
7. To enter another name and number in a different memory location, return to step 1 and repeat the process.

Changing a Stored Number

Repeat the storage sequence under Storing A Name and Number in Memory.

Erasing a Stored Number

1. Press the STORE button.
2. Press the memory location (A, B, C, 1 - 9) to be erased.
3. Press the DELETE button.

Copying Caller ID Memories to User Memory

1. Press the REVIEW ^ or V buttons to view the caller number and name you want to copy.
2. Press the STORE button.
3. Press 1-9, A, B, or C for the memory location. The memory location flashes in the display if there is a record occupying that memory location.

NOTE: You may select a different memory location by pressing REVIEW ^ or V buttons to scroll through the memories or press A, B, or C or 1 - 9.

4. Press the STORE button to enter the edit mode, and then press the STORE button again to edit the name.
5. Press the STORE button to confirm and save, and wait for three seconds to exit.

NOTE: If the name you want to enter is longer than 12 characters, only the first 12 characters will be copied into memory.

Copying Redial Numbers to Memory

1. Press the REDIAL/PAUSE button while the phone is on-hook. The display shows "*PICKUP PHONE*."
2. Press the STORE button.
3. Press 1-9, A, B, or C for the memory location. Press the STORE button twice to confirm the location and the number. The cursor flashes in the display and you may enter the caller's name.
4. Press the STORE button twice to confirm and save, and wait for three seconds to exit.

NOTE: If you want to edit the number, press the STORE button within three seconds to enter the edit mode.

Dialing a Number Stored in Memory While On-hook

1. Press a line button.
2. To select a memory, press A, B, or C, or DIAL and 1 - 9. The number in that memory location displays.

NOTE: You may select a different memory location by pressing REVIEW ^ or V buttons to scroll through the memories or press A, B, or C, or DIAL and 1 - 9.

3. Press the SPEAKER button, or pick up the handset to dial the displayed number.

Dialing a Number Stored in Memory

1. Press a line button, and lift the handset, or press the SPEAKER button.
2. Press A, B, or C, or DIAL and 1 - 9.

IMPORTANT: If you make test calls to emergency numbers, remain on the line and explain the reason for the call. Also, make test calls in off-peak hours, such as early morning or late evening.

Chain Dialing

Chain dialing allows you to dial a sequence of stored numbers from separate memory locations.

For example	*Memory location*
Local access number	A
Long distance company Authorization code ID	B
Long distance phone number	Memory 1

1. Select the line you want to use by pressing the corresponding line button.
2. Lift the handset, or press SPEAKER for speakerphone
3. Press memory button A.
4. Press memory button B.
5. Press the DIAL button and the 1 key.

Storing a Pause in Memory

The REDIAL/PAUSE button has dual functionality and becomes a pause button when the STORE button is pressed first. It is valid only when storing a number into memory locations. Use the REDIAL/PAUSE button to insert a pause when a delay is needed in an automatic dialing sequence. For example, when you must dial a 9 to get an outside line or when you enter codes to access your long distance company.

You may need to adjust the length of the pause duration. It can be adjusted from 1 to 9 seconds in length. The default setting is 4 seconds.

1. Press the STORE button.
2. Press the REDIAL/PAUSE button. The current pause time displays.
3. Press the REVIEW ^ or V buttons to scroll the pause time, or press the 1 to 9 key for one second to nine seconds respectively (i.e.; 1 = one second, 2 = two seconds).
4. Press the STORE button to save.

Pre-Dial

Use the pre-dial feature to enter a telephone number and automatically dial out without lifting the handset or pressing the SPEAKER button.

1. Enter the telephone number.
2. Lift the handset or press the SPEAKER button.

NOTE: Press FLASH/EXIT button to delete the pre-dial number.

Troubleshooting Tips

No Dial Tone

- You must press a line button to get a dial tone.
- Check all cabling to make sure that all connections are secure and not damaged.
- Check hook switch: Does it fully extend when handset is lifted from cradle?

No Display

- Replace batteries.
- Check for proper battery installation.

No Information is Shown After the Phone Rings

- Did you order Caller ID service from your local telephone company? This unit requires that you subscribe to Caller ID service in order to work.
- Be sure to wait until the second ring before answering.

Phone Dials in Pulse with Tone Service

- Make sure T/P DIAL MODE in the setup menu is set to TONE DIAL.

Phone Won't Dial Out with Pulse Service

- Make sure T/P DIAL MODE in the setup menu is set to PULSE DIAL.

Phone Does Not Ring

- Is the ringer switch in the OFF position?
- Are you using too many phones on one line? (The total REN of all phones on the same line should not be greater than the maximum REN for your calling area. See paragraph 1 of the Equipment Approval Information section of this User's Guide for more information).
- See No Dial Tone.

Incoming Voice Volume Low

- Are other phones off hook at same time? If so, this is normal condition as volume drops when additional phones are used at once.
- Check the handset or speaker volume.

Telephone Continues to Ring After Handset is Picked Up or Speaker Button is Pressed

- You must press the line number to answer a call.

Memory Dialing

- Make sure you entered the numbers correctly into memory.

General Product Care

To keep your phone working and looking good, follow these guidelines:

- Avoid putting it near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).
- DO NOT expose to direct sunlight or moisture.
- Avoid dropping and other rough treatment to the unit.
- Clean with a soft cloth.
- Never use a strong cleaning agent or abrasive powder because this will damage the finish.
- Retain the original packaging in case you need to ship it at a later date.

Service

This product may be serviced only by the manufacturer or its authorized service agents. Changes or modifications not expressly approved by ATLINKS USA, Inc. could void the user's authority to operate this product. For instructions on how to obtain service, refer to the warranty included in this guide or call customer service at **1-800-448-0329**.

Or refer inquiries to:
ATLINKS USA, Inc.
Manager, Consumer Relations
P O Box 1976
Indianapolis, IN 46206

Attach your sales receipt to the booklet for future reference or jot down the date this product was purchased or received as a gift. This information will be valuable if service should be required during the warranty period.

Purchase date _____

Name of store _____

Limited Warranty

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- One year, from date of purchase.

  (The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.)

What we will do:

- Provide you with a new or, at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period.

How you get service:

- Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.
- "Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period, must be presented to obtain warranty service." For rental firms, proof of first rental is also required. Also print your name and address and a description of the defect. Send via standard UPS or its equivalent to:

  ATLINKS USA, Inc.
  c/o Thomson
  11721 B Alameda Ave.
  Socorro, Texas 79927

- Pay any charges billed to you by the Exchange Center for service not covered by the warranty.
- Insure your shipment for loss or damage. ATLINKS accepts no liability in case of damage or loss.
- A new or refurbished unit will be shipped to you freight prepaid.

What your warranty *does not* cover:

- Customer instruction. (Your Owner's Manual provides information regarding operating instructions and user controls. Any additional information, should be obtained from your dealer.)
- Installation and setup service adjustments.
- Batteries.
- Damage from misuse or neglect.
- Products which have been modified or incorporated into other products.
- Products purchased or serviced outside the USA.
- Acts of nature, such as but not limited to lightning damage.

Product Registration:

- Please complete and mail the Product Registration Card packed with your unit. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

- THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY ATLINKS USA, INC., ITS AGENTS, OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.
- REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. ATLINKS USA, INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

How state law relates to this warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the USA:

- This warranty does not apply. Contact your dealer for warranty information.